

Chemical Information:

Name: 2,2-bis(4-Hydroxyphenol)-1,1,1-trichloroethane Date of Analysis: 26 April 2012
CAS No.: 2971-36-0 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201736 Lot No.: 12807KO
NTP_CID No.: 5064 MW: 317.59 g/mol

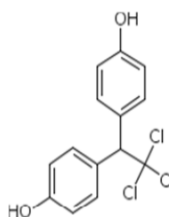
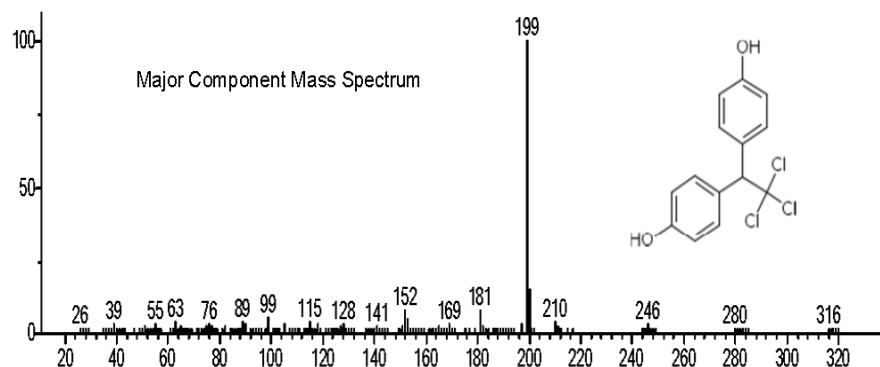
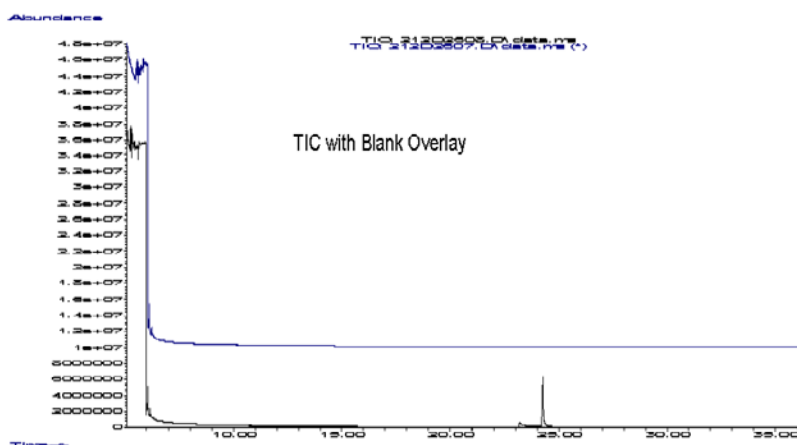
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
2,2-bis(4-Hydroxyphenol)-1,1,1-trichloroethane	24.26	100.00

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Agilent 6890N GC with Agilent 5975B inert XL MSD / Electron Impact
Solvent	Toluene
Column	Agilent DB-5HT, 30 m x 0.25 mm ID, 0.1-μm film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Splitless
Run Time	36.5 minutes
Data Analysis Software	MSD ChemStation, v D.03.00.SP1 and NIST Library v 2.0f, build 10/8/2008



m/z	Fragment
316	C ₁₄ H ₉ Cl ₃ O ₂ [M – 2]
199	C ₁₃ H ₁₁ O ₂ (loss of –CCl ₃)

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